



Harsco Track Technologies

Harsco

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SERVICE BULLETIN MAINTENANCE OF WAY EQUIPMENT

DATE: 8 - 2007

BULLETIN NO: 07-008

TITLE: INTEGRAL SPINDLE MOUNTING BOLT TORQUE INFORMATION

RATING:

<input type="checkbox"/>	ALERT (Potential Problem)	<input type="checkbox"/>	INFORMATION (Action Is Optional)
<input checked="" type="checkbox"/>	DIRECTIVE (Action Is Required)	<input type="checkbox"/>	PRODUCT IMPROVEMENT (Enhance Product)

PRODUCT SERIES / MODEL: HR1500 Series B2 and HR1500 Series B3 HY-RAIL® Guide Wheel Units.

SERIAL NO: N/A

SUMMARY: It has come to the attention of Harsco Track Technologies that the bolts securing the integral spindle to the stub axle on HR1500B2 and HR1500B3 HY-RAIL® guide wheel units may not have been properly torqued during assembly. This Service Bulletin provides proper torque procedures.

OPERATIONAL IMPACT: Under torquing may result in the integral spindle becoming loose during on track use which could result in the loss of the integral spindle and guide wheel assembly during on track travel or while on the highway. Over torquing can result in damage to the insulation material between the integral spindle and the stub axle.

ACTION: Visually inspect the integral spindle mounting for signs of loose mounting bolts. If it appears the spindle mounting bolts may be loose, do not operate the vehicle on rail until the spindle mounting has been inspected and the bolts properly torqued. Then, at the earliest convenience, take your HR1500B2 and / or HR1500B3 HY-RAIL® guide wheel equipped vehicle to the nearest qualified repair facility and have the torque checked and set on all of the integral spindle mounting bolts.

CONTACT: If you have any questions or if we can be of any service, please contact the Fairmont, MN facility, HY-RAIL® Guide Wheel Equipment Service Department at (507) 235-7212 or to order parts, contact the Parts Department at (507) 235-7143 or (507) 235-7191.

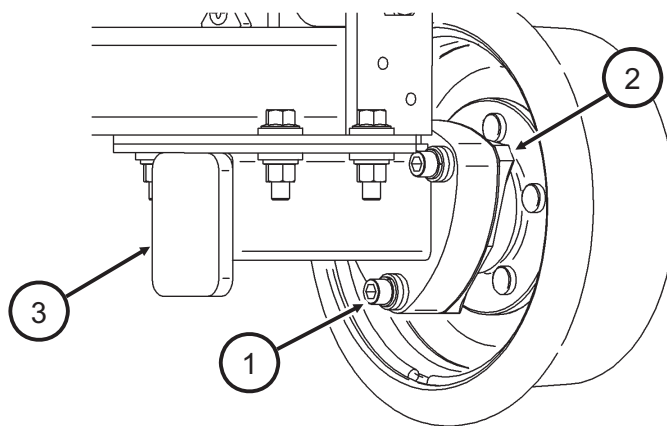
Safety Information

- **FOLLOW APPLICABLE RAILROAD LOCKOUT - TAGOUT PROCEDURE TO DISABLE ENERGY SOURCES WHEN PERFORMING MAINTENANCE, MAKING ADJUSTMENTS OR REPAIRS TO THE VEHICLE OR EQUIPMENT. FAILURE TO HEED THIS WARNING COULD RESULT IN SEVERE BODILY INJURY.**

Checking Integral Spindle Torque - See Figure 1

1. Visually inspect the integral spindle mounting area and mounting bolts (1) for signs that the mounting bolts are loose. If it appears the spindle mounting bolts may be loose, the spindle (2) needs to be removed from the stub axle (3) and the insulation components, mounting bolts (1), spindle (2) and stub axle (3) inspected for damage. If necessary, replace components and then reassemble.
2. There are three integral spindle M12 x 1.75 hex socket head mounting bolts (1) per spindle (six per guide wheel unit). Torque the integral spindle bolts to 60 LB-FT (80 N-m).
3. If the integral spindle mounting bolts (1) have been over torqued, greater than 60 LB-FT (80 N-m), the insulation components may have been damaged. Disassemble the spindle from the stub axle and inspect the insulation components. Replace as needed and then reassemble. Torque the integral spindle bolts to 60 LB-FT (80 N-m).

FIGURE 1
SPINDLE MOUNTING



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Printed In U.S.A.